

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	408	318/634,641.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/08 17:08
S1	343742	(*pump or compressor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/29 13:41
S2	1492491	(pump or compressor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/30 11:57
S3	57771	(pump or compressor) and ((measure or test) with (current or voltage or temperature))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/30 12:20
S4	4744	S3 and ((voltage or current or temperature) adj1 (reference or limit or threshold))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/30 14:55
S5	704	S3 and ((compare or comparing or comparison) with((voltage or current or temperature) adj1 (reference or limit or threshold)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/30 12:21
S6	1	S5 and (limp with mode)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/30 12:10
S7	262	S5 and ((shut\$5 with (down or off)) or shut-off or shutt-off or shut-down or shut-down or (shut adj1 off) or (shutt adj1 off) or (shut adj1 down) or (shut adj1 down))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/30 12:21

S8	133	S7 and ((fault or error) with (condition or signal))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/30 12:21
S9	2159	(pump or compressor) same ((measure or test) with (current or voltage or temperature)) same motor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/30 14:15
S10	29	S9 and ((compare or comparing or comparison) with((voltage or current or temperature) adj1 (reference or limit or threshold)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/30 14:16
S11	12	S10 and ((shut\$5 with (down or off)) or shut-off or shutt-off or shut-down or shut-down or (shut adj1 off) or (shutt adj1 off) or (shut adj1 down) or (shut adj1 down))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/30 14:20
S12	4	S11 and ((fault or error) with (condition or signal))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/30 14:21
S13	8	S11 not S12	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/30 13:49
S14	360	(pump or compressor) same ((measure or test) with (current or voltage or temperature)) same motor same ((reduce oe lower) with (currentor voltage or temperature))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/30 14:55
S15	360	(pump or compressor) same ((measure or test) with (current or voltage or temperature)) same motor same (((reduce oe lower) with (currentor voltage or temperature)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/30 14:16

S16	4	S15 and ((compare or comparing or comparison) with((voltage or current or temperature) adj1 (reference or limit or threshold)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/30 14:56
S17	356	S15 not S16	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/30 14:20
S18	83	S17 and ((shut\$5 with (down or off)) or shut-off or shutt-off or shut-down or shut-down or (shut adj1 off) or (shutt adj1 off) or (shut adj1 down) or (shut adj1 down))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/30 15:40
S19	6	S18 and ((fault or error) with (condition or signal))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/30 15:40
S20	1	(pump or compressor) same (((measure or test ) adj1 (current or voltage or temperature)) with motor) same ((reduce or lower) adj2 (currentor voltage or temperature))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/30 14:25
S21	2	"5512883".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/30 14:38
S22	2	"5883489".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/30 14:54
S23	2066	417/45,44.1,32.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/30 14:55

S24	2193	417/45,44.1,32,44.11.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/01 12:00
S25	2	S24 and ((measure or test or detect or detector or sense or sensor) with (current or voltage or temperature)) same motor same ((compare or comparing or comparison) with((voltage or current or temperature) adj1 (reference or limit or threshold)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/30 15:24
S26	22	S24 and ((measure or test or detect or detector or sense or sensor) with (current or voltage or temperature)) and ((compare or comparing or comparison) with((voltage or current or temperature) adj1 (reference or limit or threshold)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/30 15:25
S27	10	S26 and ((shut\$5 with (down or off)) or shut-off or shutt-off or shut-down or shut-down or (shut adj1 off) or (shutt adj1 off) or (shut adj1 down) or (shut adj1 down))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/30 15:40
S28	2	S27 and ((fault or error) with (condition or signal))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/30 15:47
S29	6	S26 and ((fault or error) with (condition or signal))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/30 17:28
S30	2	"5883489".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/01 10:53
S31	2	"4912934".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/01 10:54

S32	2	"4912939".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/01 10:54
S33	2	"4912936".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/01 11:45
S34	6	("6102665" "4353220" "6102665" "3787882").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/01 11:48
S35	2	("5342176").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/01 11:59
S36	451	koehl.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/01 12:00
S37	2193	417/45,44.1,32,44.11.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/01 12:14
S38	976	318/635,650,638.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/01 12:15
S39	584	318/71,634,641.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/01 12:15

S40	629	(pump or compressor) and ((measur\$5 or detect\$5) with current) and (frequency same (width with modulation))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/29 13:43
S41	624	(pump or compressor) and ((measur\$5 or detect\$5) with current) and (frequency same (width with modulation)) and (limit or reference or threshold or max or maximum or minimum or min)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/29 13:43
S42	102	(pump or compressor) and ((measur\$5 or detect\$5) with current) and (frequency same (width with modulation)) and (limit or reference or threshold or max or maximum or minimum or min) and ((motor or pump or compressor) with ((shut\$5 or power) with (off or down)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/29 13:45
S43	101	(pump or compressor) and ((measur\$5 or detect\$5) with current) and (frequency same (width with modulation)) and (limit or reference or threshold or max or maximum or minimum or min) and ((motor or pump or compressor) with ((shut\$5 or power) with (off or down))) and ((fault or error or alarm) with code or signal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/29 13:45
S44	61	(pump or compressor) and ((measur\$5 or detect\$5) with current) and (frequency same (width with modulation)) and (limit or reference or threshold or max or maximum or minimum or min) and ((motor or pump or compressor) with ((shut\$5 or power) with (off or down))) and ((fault or error or alarm) with (code or signal))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/29 13:46
S45	52	(pump or compressor) and ((measur\$5 or detect\$5) with current) and (frequency same (width with modulation)) and (limit or reference or threshold or max or maximum or minimum or min) and ((motor or pump or compressor) with ((shut\$5 or power) with (off or down))) and ((fault or error or alarm) with (code or signal)) and ((reduce or lower) with (voltage or frequency or power or current))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/29 13:46

S46	67	(pump or compressor) and ((measur\$5 or detect\$5) with (current or voltage or temperature)) and (frequency same (width with modulation)) and (limit or reference or threshold or max or maximum or minimum or min) and ((motor or pump or compressor) with ((shut\$5 or power) with (off or down))) and ((fault or error or alarm) with (code or signal)) and ((reduce or lower) with (voltage or frequency or power or current))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/29 13:49
S47	5	(pump or compressor) and ((measur\$5 or detect\$5) with (current or voltage or temperature)) and (frequency same (width with modulation)) and (limit or reference or threshold or max or maximum or minimum or min) and ((motor or pump or compressor) with ((shut\$5 or power) with (off or down))) and ((fault or error or alarm) with (code or signal)) and ((reduce or lower) with (voltage or frequency or power or current)) and limp	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/29 13:48
S48	5	(pump or compressor) and ((measur\$5 or detect\$5) with (current or voltage or temperature)) and (frequency same (width with modulation)) and (limit or reference or threshold or max or maximum or minimum or min) and ((motor or pump or compressor) with ((shut\$5 or power) with (off or down))) and ((fault or error or alarm) with (code or signal)) and ((reduce or lower) with (voltage or frequency or power or current)) and (limp with mode)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/29 15:23
S49	64	(pump or compressor) and ((measur\$5 or detect\$5) with (current or voltage or temperature)) and (frequency same (width with modulation)) and (limit or reference or threshold or max or maximum or minimum or min) and ((motor or pump or compressor) with ((shut\$5 or power) with (off or down))) and ((fault or error or alarm) with (code or signal)) and ((reduce or lower) with (voltage or frequency or power or current)) and motor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/29 14:43

S50	225	417/44.11.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/29 15:20
S51	4	S50 and ((measure\$5 or detect\$5) with (current or voltage)) and (frequency same (width with modulation)) and ((limit or reference or threshold or max or maximum or minimum or min) with compar\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/29 14:53
S52	1	S51 and ((shut\$5 or power) with (off or down))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/29 14:44
S53	2	"6102665".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/29 14:56
S54	1	S53 and current and voltage and shutdown	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/29 14:57
S55	1	S54 and ((measure or detect) with (current or voltage)) and shutdown	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/29 14:58
S56	99	S50 and (current with detect\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/29 15:21
S57	0	S50 and ((current with detect\$5) same compar with current with (reference or limit))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/29 15:21



S58	30	S50 and ((current with detect\$5) same (compar\$5 with current with (reference or limit)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/29 15:22
S60	0	S50 and ((current with detect\$5) same (compar\$5 with current with (reference or limit))) and (((shut\$5 or power) with (off or down)) or shutdown) and ((error or alarm) with signal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/29 15:24
S61	2	S50 and ((current with detect\$5) same (compar\$5 with current with (reference or limit))) and (((shut\$5 or power) with (off or down)) or shutdown) and (error or alarm)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/29 15:25
S62	9	"5961291"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/30 16:41
S63	2	"5961291".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/30 16:41
S64	3	("5123080" "4893479").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/01 11:50
S65	2	("6102665").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/01 11:52
S66	1	S65 and voltage and temperature and current	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/01 12:03

S67	0	S66 and modulation and width	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/01 11:52
S68	0	S66 and modulation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/01 11:52
S69	0	S66 and width	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/01 11:52
S70	500	417/32.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/01 12:03
S71	2	S70 and (compar\$5 with temperature with (limit or reference)) and (reduce with (voltage or frequency))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/01 12:06
S72	15	S70 and (compar\$5 with temperature with (limit or reference)) and ((detect\$5 or measure\$5 or sensor) with temperature)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/01 12:26
S73	37	S70 and ((detect\$5 or measure\$5 or sensor) with temperature) and (reduce with (voltage or speed or frequency))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/01 12:26
S74	32	S73 not S72	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/01 12:26

S75	0	S74 and ((reference or maximum or limit or threshold) with temperatrre)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/01 12:27
S76	15	S74 and ((reference or maximum or limit or threshold) with temperature)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/01 12:27
S77	15	("4667480"   "4735058"   "4876859"   "4913625"   "5463874"   "5707210"   "5875637"   "5941689"   "6047556"   "6099259"   "6206652"   "6302654"   "6393850"   "6450771"   "6619062").PN. OR ("6925823"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/12/01 12:48
S78	825	417/44.11,45.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/07 16:40
S79	1535	417/44.1,32.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/08 14:43
S80	1590	417/53.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/08 14:43
S81	515	318/635,650.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/08 16:47
S82	654	318/638,71.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/08 17:08